

## ADDITIONS TO THE MUSEUM.

1892.

## ARCHÆOLOGY, ETHNOLOGY, ETC.

- J. D. Winsor. Aboriginal implement from Islesboro, Maine.  
 C. B. Moore. Shells from Indian mounds of Florida.  
 J. P. Lundy, M. D. Shells from columns of temple of Jupiter Serapis, Puzzuoli, Italy, and piece of the floor of same; piece of mosaic from Lake Achelon, Italy.  
 Mexican Expedition 1890. Pottery from Cave of Calcehtok, Yucatan.  
 Miss Verhoeff. Eskimo Timiak from McCormick Bay, Greenland. Obtained by John M. Verhoeff on Academy's North Greenland Expedition, under Lieut. R. E. Peary.

## MAMMALIA.

- Zoological Society of Philadelphia. Mounted specimens of *Cynocephalus* sp., *Phacochoerus athiopicus*, *Bison bison* (calf), *Solenodon cubanus*, *Belideus sciureus*, *Capromys pilorides*, *Cariacus rufinus*, *Cercocebus collaris*, *Ateles vellerosus*, *Ateles geoffroyi*, *Cercopithecus mona*, *Macacus radiatus*, *Macacus erythræus*, *Nyctipithecus trivirgatus*, *Sciurus badging*, (2 specimens), *Syntheres melanurus*, (2 specimens), *Macacus cynomolgus*, *Felis rufus*, (female and two kittens); mounted skeletons of *Cercocebus fuliginosus*, *Connochetes gorgon*, *Belideus sciureus*; disarticulated skeletons of *Semnopithecus entellus*, *Ateles vellerosus*, *Cariacus rufinus*, *Felis rufus*, *Helarctos eurypsilus*, *Solenodon cubanus*, *Nasua narica*; brain of *Cercocebus fuliginosus*.  
 Saml. G. Dixon, M. D. Horns of Indian Buffalo; mounted specimens of *Felis rufus*, Monroe Co., Pennsylvania; Opossum with three young; Eskimo dog "Alika" used on Lieut. Peary's North Greenland Expedition.  
 C. A. Bradenburg. Mounted specimen and skeleton of *Chrysothrix lunulatus*. skin of *Macacus erythræus*.  
 H. C. Chapman, M. D. Disarticulated skeletons of Orang-outang, Chimpanzee, Panther, Otter, Dog, Opossum, Howling Monkey, Marmoset, Porcupine, Rabbit, Armadillo, Prairie Dog; skulls of Deer and *Noctilio*; alcoholic specimens of Chimpanzee, Ring-tailed Lemur, Ant-eater.  
 H. G. Bryant. Skulls of *Lutra canadensis* and *Ursus americanus*, Grand River, Labrador; five Weasel and two Squirrel skins from Labrador.  
 Rev. R. H. Nassau. Three brains and skulls of the Gorilla, from Kangwe, Ogove River, West Africa.  
 Miss Virginia Maitland. Mounted specimen of *Scalops aquaticus*.  
 D. N. McCadden. Skull of *Ursus americanus*.  
 Benj. Sharp, Ph. D. Three alcoholic specimens of *Noctilio leporinus*, from Trinidad; and alcoholic specimen of *Vespertilio nigricans* and *Saccopteryx leptura* from Tobago.

- Raymond Kester. Two mounted specimens of *Arvicola riparius* from Delaware Co., Pa.
- Herbert Brown. Mounted specimen of *Vesperugo serotinus fuscus* from Philadelphia.
- West Greenland Expedition, 1891. Skull of *Vulpes lagopus*, McCormick Bay.

## BIRDS.

- Philadelphia Zoological Society. Mounted specimen of *Rhea americana*; skins of *Crax fasciolaris*, *Grus americana*, *Xanthoura luxuosa cyanocapilla*, *Goura coronata*, *Phasianus reevesii*, *Eclectus roratus*; mounted skeletons of *Palamedea cornuta*, *Pelecanus fuscus*; disarticulated skeletons of *Grus australasiana* and *Grus americana*; egg of *Aquila maculata*.
- Delaware Valley Ornithological Club. 17 nests, 13 mounted birds and 14 sets of eggs from Pennsylvania and New Jersey, to be incorporated in the "Delaware Valley Ornithological Club Collection."
- Peary Relief Expedition, 1892. 76 bird skins representing 21 species, and 102 eggs representing 15 species, all from West Greenland.
- North Greenland Expedition (Lieut. R. E. Peary in command.) 46 bird skins representing 17 species, from the vicinity of McCormick Bay, Greenland.
- I. C. Martindale. Two skins of *Urinator imber*, from New Jersey.
- I. N. DeHaven. Skin of albino *Ammodramus caudacutus*, Atlantic City, N. J.
- H. C. Chapman, M. D. Skulls of *Rynchops*, *Gallus* and four other birds.
- D. N. McCadden. Two skins of *Pelecanus fuscus*; eight skins of South American birds; skin of *Elanoides forficatus*.
- H. Skinner, M. D., and Philip Laurent. Three skins, six nests and three sets of eggs of *Junco hyemalis carolinensis*, from Mitchell Co., North Carolina.
- Samuel Wright. Alcoholic specimen of Chicken with four legs.
- Mrs. F. Meehan Burns. Malformed egg of common Fowl.
- Samuel G. Dixon. Skin of *Scolecophagus carolinus*, from Virginia.
- Purchased. Twenty-six bird skins from southern United States; mounted specimens of *Meleagris gallopavo*, Perry Co., Pennsylvania, and *Syrnium occidentale*, Tacoma, Washington.

## REPTILES AND BATRACHIANS.

- Philadelphia Zoological Society. Alcoholic specimens of *Python sebae*, *Tupinambis tequixin*, *Amphiuma tridactyla*, *Pelophilus madagascarensis*, *Coronella phocarium*; skull of *Testudo polyphemus* (?)
- Mexican Expedition 1890. Two jars of lizards from Mexico; eggs of *Iguana* (*Ctenosaurus cycluroides*.)
- Benjamin Sharp, M. D. Alcoholic specimens of *Eutania sirtalis* and *Heterodon platyrhinus* from Nantucket, Mass.
- H. C. Chapman, M. D. Skeleton of Frog, and skulls of a Terrapin and two lizards.
- I. C. Martindale. Alcoholic specimen of *Dromicus callilemus*, from Jamaica.
- Benjamin W. Richards. Mounted specimen of *Chelydra serpentina*, from New Jersey.

- George Bond. Three jars of snakes and one of lizards.  
 Witmer Stone. *Clemmys mühlenbergii* (alcoholic), Delaware Co., Pa.  
 Miss M. E. Lyndall. *Desmognathus fuscus* (alcoholic), Overbrook, Pa.  
 H. A. Pilsbry. *Clemmys guttatus* (alcoholic), Jamesburg, N. J.  
 J. T. B. Ives. *Heterodon platyrhinus* (alcoholic), Cape May Point, N. J.  
 H. Skinner, M. D., and Philip Laurent. *Amblystoma punctatum* (alcoholic), Mitchell Co., North Carolina.  
 C. R. Johnson. Skin of Red Racer.  
 U. C. Smith. *Anolis principalis* (alcoholic), Florida.  
 Purchased. Skin of *Python sebae*.

## FISHES.

- Smithsonian Institution. Alcoholic specimens of *Myctophum remiger*, *M. punctatum*, *M. mulleri*, *Stenobranchius coccoi* and *Nannobranchium macdonaldi*.  
 West Greenland Expedition, 1891. Two jars of fishes from Cape Breton and McCormick Bay.  
 Mexican Expedition, 1890. *Hippocampus* from Silam, Yucatan.  
 H. C. Chapman, M. D. Skulls of Cod, Pike and Perch and teeth of three species of fish.  
 W. J. Fox. *Prionotus palmipes* (alcoholic), from Townsend's Inlet, N. J.  
 T. D. Harvey and Jos. L. Grauer. Mounted specimen of Marine Sun Fish (*Mola rotunda*), from Anglesea, N. J.  
 Benjamin Sharp, M. D. Three jars of fishes, Nantucket, Mass.  
 Thos. A. Walker. *Chilomycterus geometricus* (alcoholic).  
 Capt. Wm. Wyndham. Skull of *Arius* (?) from Surinam.  
 J. E. Huffington. Rostrum of Saw Fish, from Gulf of Mexico.

## CRUSTACEA.

- West Greenland Expedition, 1891. Seven jars of Crustacea.  
 Benj. Sharp, Ph. D. Hermit Crab, from Naples; *Argulus* sp. and five jars of Crustacea, from Nantucket; *Hippa emerita*, *Lepas anserifera*, *Balanus eburneus*, and three jars of other Crustacea, from the New Jersey coast.  
 Frederick Stearns. *Pycnogonum stearnsi* Ives, types, San Diego, California.  
 U. C. Smith. *Penæus setiferus* and *Persephone punctata*, Cape Canaveral, Florida.  
 J. S. Witmer, Jr. *Branchipus vernalis* (alcoholic), Lancaster Co., Pa.  
 W. J. Fox. *Callinectes hastatus*, *Cymothoa* sp., from Townsend's Inlet, N. J.; 8 jars of Crustacea from Jamaica.  
 D. N. McCadden. *Platyonicus ocellatus*, Cape May, N. J.  
 Sister E. Marguerite. *Lepas fascicularis* (alcoholic), Cape May, N. J.  
 W. Libbey, Jr. *Ocyropa arenaria* (alcoholic), Cape May Point, N. J.  
 Miss M. A. Schively. *Anoplodactylus lentus*, Woods Holl, Mass.  
 J. E. Ives. *Limulus polyphemus*, abnormal specimen, Cape May Point, N. J.; two jars of Crustacea from Atlantic City, N. J.

## ECHINODERMS, WORMS, CORALS, ETC.

- West Greenland Expedition, 1891. Seven jars and four trays of echinoderms, one jar of insects and one of worms, from McCormick Bay, Greenland.
- Mexican Expedition, 1890. Twenty-three jars of spiders, scorpions, etc., from Mexico and Yucatan; collection of dried sponges from Yucatan; two trays of corals from Vera Cruz.
- Capt. John Powell. *Thyrastra serpentarius*, from Vera Cruz.
- H. C. Chapman, M. D. *Arbacia punctulata* and *Cliona sulphurea* (alcoholic), *Eschara* and serpuloid tubes, Atlantic City, N. J.
- W. J. Fox. Fifteen jars of echinoderms (alcoholic), from Jamaica; worm tubes from Townsend's Inlet, N. J.
- Frederick Stearns. Two trays of echinoderms from the Sandwich Islands.
- G. S. Lamson. *Anodytes americanus*.
- Benj. Sharp, M. D. *Bipalium manubriatum* Sharp, type.
- Peary Relief Expedition 1892. Twelve jars of *Antedon eschrichti* from McCormick Bay, Greenland.
- C. C. Febiger. *Dactylocalyx subglobosus*.
- Miss M. A. Schively. *Amaroecium stellatum*, from Woods Holl, Mass.
- Miss M. L. Myrick. *Chalina oculata*, from Nantucket, Mass.
- U. C. Smith. Three trays of echinoderms from Cape Canaveral, Florida.
- Conchological Section. Five trays of echinoderms and three trays of other marine invertebrates from New Zealand.
- Joseph Willcox. Sponge, *Echinaster spinulosum* and *Luidia clathrata*, from Florida.

## RECENT MOLLUSCA.

- American Association of Conchologists presented through John H. Campbell, President, 443 trays of American shells.
- F. L. Billingham (in exchange). Thirty-four species of marine shells from Australia.
- A. P. Brown. Five species of fresh-water shells from New Jersey.
- Dr. H. C. Chapman. *Anomia* and *Columbella* (alcoholic), from Atlantic City.
- T. D. A. Cockerell. Four species of marine and fresh water shells from Jamaica and Caymen Island, and types of *Helix vendreyesiana* Ckll.
- Conchological Section. Forty species of shells new to the collection.
- S. Culin. Two species, *Mitra* and *Ancillaria*.
- Geo. W. Dean. *Bourciera heliciformis* Pfr., from Ecuador.
- John Ford. Nine species of shells new to the collection.
- Prof. F. W. Hutton. Twelve species of marine shells from New Zealand.
- W. W. Jefferis. *Unio* and *Paludina*, from Fort Edward, N. Y.
- Chas. W. Johnson. Two species of *Acanthopleura*.
- Dr. O. F. von Möllendorff (in exchange). Thirty-five species of land shells from the Philippine Islands; 20 species of *Helix* in alcohol.
- Clarence B. Moore. A very large collection of *Vivipara* from the mounds and streams near Lake George, Fla.

- H. A. Pilsbry. Twenty-five trays of shells and 10 bottles of alcoholic mollusca ; Twenty species of mollusks from Tannersville, Catskill Mountains.
- J. B. Quintard. One valve of *Unio quintardii*, the type specimen figured on Pl. VII of this volume.
- Geo. D. Ried. *Limnæa palustris* and *Goniobasis virginica* from Deep River, Connecticut.
- José N. Rovirosa. Twenty-four species of land and fresh water mollusks from Tabasco, Mexico. (For list see p. 338).
- Dr. B. Sharp. Four jaws marine mollusks from Nantucket.
- Karl Sharp. *Aporrhais occidentalis*, Nantucket.
- U. C. Smith. Three species of *Hydrobiidæ* from Florida.
- L. H. Streng. Nine species from Panama ; two from the Sandwich Islands.
- E. G. Vanatta. Ten species of *Helix*, *Succinia* and *Zonites* from Pennsylvania and New Jersey.
- T. W. Vaughan. Fifteen species of fresh-water shells from Louisiana.
- G. E. and A. H. Verrill, *Cyclotus amethystinus*, *Helicina velutina* and *Vaginulus punctatissimus*, from Dominica.
- Robert Walton. Four species of land shells from Roxborough, Pa.
- Joseph Willcox. A large number of recent and fossil mollusks of the United States.
- H. W. Winkley. Four trays of mollusks from Maine and Prince Edward Island.
- G. W. Wright. Thirty species of marine shells from New Zealand.

#### VERTEBRATE FOSSILS.

- Mexican Expedition, 1890. Fragment of tooth of *Elephas primigenius*, Valley of Tequiquiac.
- Benjamin Sharp, M. D. Shark's teeth (Miocene), South Carolina ; *Diplomystus humilis*, from Green River, Wyoming.
- Samuel G. Dixon, M. D. Two molars of *Equus frateruus*; Shark's teeth and four trays of Mammalian remains from Bolton Mines, South Carolina.
- J. E. Ives. Patella of *Equus major* from Camden, N. J.
- J. P. Lesley. Vertebrate remains from Triassic coal beds of Egypt, North Carolina.
- F. M. Naglee. Teeth of *Carcharodon megalodon*, South Carolina.
- H. G. Woodman. Slab of Triassic shale, with foot prints and ripple marks, Frenchtown, N. J.

#### INVERTEBRATE FOSSILS.

- Conchological Section. Nine trays of fossil Helices from Miocene of Germany.
- Rev. J. P. Lundy. Twenty-five trays of Cambro-silurian invertebrate fossils from Lake St. John, Quebec, Canada.
- Homer Squyer. *Hemiaster humphreysanus*, Cretaceous, Montana.
- K. A. Penecke, M. D. Three trays of fossil land shells, from Steiermark, Germany.
- Lewis Woolman. Fossiliferous pebbles from Barnegat, N. J.

- W. J. Fox. Fossil corals from Jamaica.  
 H. A. Pilsbry. Twelve trays of Cretaceous fossils, from Farmingdale, N. J.  
 Joseph Willcox. Sixteen trays of invertebrate fossils.  
 Saml. G. Dixon, M. D. Fossil corals from Bolton Mines, South Carolina.  
 Purchased from F. L. Sarmiento. Eighty-nine trays of fossil crinoids and four of other invertebrate fossils, principally from Burlington Co., Iowa; seven trays of cretaceous fossils from Brazil.

## PLANTS.

- W. G. Warden and Chas. E. Smith. Four hundred and twenty-eight species of phanerogamic plants, sixteen lichens and twenty-six fungi, collected by J. Bornmüller in Pontus and Galatia, Asia Minor, in 1890.  
 Charles Schaeffer, M. D. Hough's American Woods, Part II., embracing twenty-five species in twenty six sets of sections, with descriptions, keys, index and title page.  
 In exchange for duplicate set of Sullivan's Musci Alleghenienses:—Two hundred and seventy-five species of plants collected by Dr. Thomas Morong in Central Paraguay in 1888–90.  
 U. S. Department of Agriculture, Botanical Division. Twenty-four species of Hepaticæ, collected in Georgia and Florida by Prof. L. M. Underwood; thirteen species of Hepaticæ, collected in California by the same; two species of Peronospora, from District of Columbia and Illinois.  
 Prof. N. L. Britton, Columbia College Herbarium. Seventy-one species of plants collected in British Guiana, by Jenman in 1838.  
 Prof. José N. Rovirosa. Fifty-one species of plants collected by him in Tabasco and Chiapas, Mexico.  
 Edwin Faxon, Jamaica Plains, Mass. Series of specimens illustrative of the Sphagna of New England, consisting of seventeen species in twenty-seven forms and varieties, supplementing series received in 1891.  
 Thomas Meehan. Twenty-one species of plants collected by Mrs. Meehan at Lake Worth, Florida; one hundred and thirty-five species of Australian plants, and two marine Algæ, received from Baron Ferdinand von Müller; seventy-nine species of plants, mostly cultivated and exotic.  
 J. Bernard Brinton, M. D. Twenty-five species of plants collected on Merritt's Island, E. Florida, by A. A. Baldwin in 1892; eight species mostly from Pennsylvania and New Jersey.  
 W. W. Jefferis. Ten species of phanerogams and ferns, and thirty-six mosses from the Swiss Alps; twenty species of plants from the Swiss Alps.  
 Roberts Le Boutillier. *Catasetum viridi-flavum* H, a cultivated orchid, native of Mexico: *Cypripedium bellatulum*, a cultivated orchid, native of Asia.  
 John H. Redfield. One hundred and sixty-four species of plants collected by Dr. Thomas Morong on the Pilcomayo River, Paraguay, in 1888–90; ten species of North American plants; thirteenth and fourteenth Decades of Underwood's Hepaticæ Americanæ; polished section of the wood of *Cercocarpus ledifolius* (Mountain Mahogany—so-called), collected in Utah by the late Dr. C. C. Parry; two hundred and sixty-six species of plants collected by C. G.

- Pringle, in the Mexican provinces of Jalisco, San Luis Potosi and Michoacan in 1891.
- University of Pennsylvania, through Prof. Joseph T. Rothrock. One hundred and forty-eight species of plants, collected by him in Jamaica and the Bahama Islands in the winter of 1890-1891.
- Edward Rand and John H. Redfield. Thirty-one species of plants from Mount Desert, Maine, continuing the series illustrative of the flora of that island.
- S. N. Rhoads. Thirty-one species of plants, collected by him in the Santa Catalina Mountains of Arizona, June, 1891.
- Thomas Meehan, John H. Redfield and others. Four hundred and sixty-one species of plants collected by P. Sintenis in Asia Minor, Armenia and Kurdistan, in 1888-1890, determined by Stapf and Haussknecht; three hundred and thirty-seven species of plants collected by Sintenis and Bornmüller in Macedonia and Greece in 1891.
- West Greenland Expedition 1891, under charge of Prof. Angelo Heilprin. Twenty-seven species of Mosses, collected by Dr. W. A. Burk, and determined by Mrs. N. L. Britton and Messrs. Brotherus and Warnstoff.
- Ellis and Everhart. Twenty-eighth Century of North American Fungi, received in exchange for duplicate earlier Centuries, from Estate of Dr. George A. Martin.
- Benj. Sharp, M. D. Fruit of Gru-gru Palm (*Aiphanes corallina* Wendl.), from Tobago, W. I.; Spines or excrescences from a tree in the same island.
- W. S. W. Ruschenberger, M. D. Photograph of a gigantic Live Oak in Magnolia Cemetery, Charleston, S. C.
- Isaac C. Martindale. Abnormal growth of *Polyporus lucidus*, a fungus grown under the floor of an old building at Black River Falls, Wisconsin, collected by Dr. Lucy A. Armadale.
- A. C. W. Beecher, M. D. Capsule of a species of *Martynia*, probably *M. lutea*.
- Miss Nuttall. Seeds of *Adenopeltis Colliguaya*, inhabited by larva of *Carpocapsa saltatrix*.
- Miss Maud G. Waring through Thomas Meehan. Seventy-one species of plants from vicinity of Bloomfield, San Juan Co., New Mexico.
- Herbarium of Harvard University. Six hundred and ninety-two species of plants from Estate of the late John Ball, President of the London Alpine Club, collected for the most part in Southern Europe by himself.
- Geo. W. Holstein. Ten species of plants collected by him in the Staked Plains of Texas.
- Prof. Thos. C. Porter. Eighteen species of plants from vicinity of Easton, Pa.
- T. S. Brandegee. Two hundred and sixty-eight species of plants collected by him in the peninsula of Lower California, 1890 to 1892.
- Alexander McElwee. *Cytisus scoparius* Link, from near Media, Pa.
- Mrs. Mary B. Conard. *Brassavola acaulis* Lindl. (?) a cultivated orchid, native of Panama.
- Henry C. Chapman, M. D. Branch of *Citrus trifoliata* L. with ripe fruit, from Zoological Garden, Philadelphia.

## FOSSIL PLANTS.

W. W. Jefferis. *Arthropycus harlani*, Niagara Falls, N. Y.

## MINERALS, ROCKS, ETC.

- W. W. Jefferis. Two large crystals of Muscovite, Pennsburg, Chester Co., Pa., Hypersthene, Lake George, N. Y.; Iron Pyrites, Falls of French Creek, Pa.; Drusy Quartz, Concord, Delaware Co., Pa.; Diaspore, Chester, Mass.; Quartz, Lewis Co., N. Y.; Siderite in Limonite, Center Co., Pa.; mass of botryoidal Quartz, Yellowstone Park; nineteen trays of other minerals and rocks.
- Theodore D Rand. Randite, Frankford, Philadelphia; Native Magnet, Sugar-town, Pa.; limestone in serpentine, Copesville, Pa.; Bauxite, Arkansas; sixteen trays of other minerals.
- H. G. Ives. Nodule of Pyrite, Germany; Actinolite, Delaware Co., Pa.; Corundum, pseudomorph after Spinel, Franklin, N. J.; Alunogen, Philadelphia.
- U. C. Smith. Twelve trays of minerals; Ringing Rock from Schwenksville, Pa.
- W. Kennedy. Fulgurites, S. Vineland, N. J.
- Joseph Willcox. Phosphorite, Cypress Co., Florida.
- Alfred O. Deshong. Three trays of minerals, Leiperville, Del. Co., Pa.
- Edwin MacMinn (in exchange). Eleven trays of minerals from Snake Hill, Jersey City, N. J.
- S. W. Morton, M. D. Quartz, Rondout, N. Y.; Banded Agate and Smoky Quartz.
- Heirs of the late John Warner. Nine bottles of earths.
- West Greenland Expedition, 1891. One large meteorite (Tellurite?) and four small specimens from Oviak, Greenland.
- D. N. McCadden. Iron concretion, Cape May, N. J.
- Benjamin Sharp, M. D. Fragment of stalactite, from Tobago.
- C. S. Welles. Moonstone and limestone, from Media, Pa.
- W. W. Potts. Pyrite and Lignite, Montgomery Co., Pa.
- W. H. White. Massive Siderite, Montgomery Co., Pa.
- H. C. Borden. Chabasite and Bucholzite, from Philadelphia.
- H. C. Chapman, M. D. Fragment of boulder from Mt. Desert, and specimen of clay.
- Abraham Meyer. Nine trays of rock specimens from Lycoming and Tioga Co., Pa.
- A. E. Foote, M. D. Chrysoberyl, from Greenwood, Maine.
- John Ford. Bucholzite, Philadelphia.
- Joshua Hunt. Calcite, Avondale, Pa.
- Lewis Woolman. Concretions in clay, Camden, N. J.
- J. D. Winsor. Two weathered rocks, Islesboro, Me.
- F. Graff. Stibnite, Japan.
- Ignace Domeyko. Nine trays of minerals from Chili, Bolivia and the Argentine Republic.
- H. G. Bryant. Labradorite, N. W. River, Labrador.
- Mrs. A. M. Thacher. Crystallized Stalactite, Weirs Cave, Virginia; and Quartz Crystals, Middlesex, Herkimer Co., N. Y.



J. E. Richardson. Joesite, from Trondhjem, Norway.

MICROSCOPY, ETC.

Miss Gertrude J. Kenderdine. Microscope and complete outfit; dissecting microscope and 100 slides.

Christian Febiger. Collection of about 10,000 slides of Diatoms, and specimens of diatomaceous earths, made by Col. Christian Febiger.